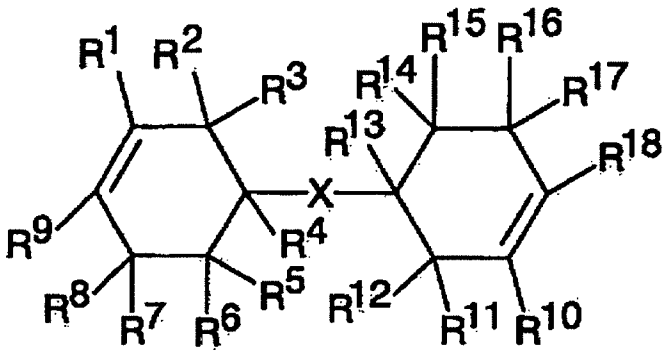
AMENDMENTS TO THE CLAIMS

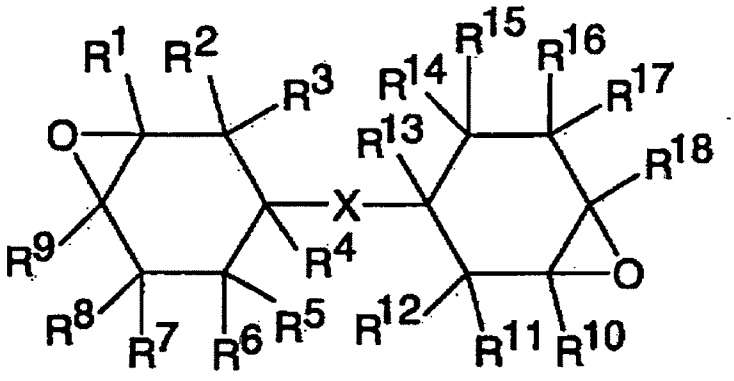
1. - 6. **(Cancelled)**

7. **(Currently Amended)** A process for the production of a composition comprising a high-purity alicyclic epoxy compound, in which an alicyclic olefin compound represented by the following general formula (II)



(II)

is epoxidized with a peracetic acid having substantially no water followed by the removal of a solvent to produce an alicyclic epoxy compound represented by the general formula (I)



(I)

wherein in the formulas (I) and (II), X is a divalent group selected from the group consisting of an oxygen atom, a sulfur atom, -SO-, $-SO_2-$, $-CH_2-$, $-C(CH_3)_2-$, $-CBr_2-$, $-C(CBr_3)_2-$, and $-C(CF_3)_2-$; R^1 to R^{18} each may be identical or different from each other and are a hydrogen atom, a halogen atom, a hydrocarbon group that may contain an oxygen atom or halogen atom, or an alkoxy group that may have a substituent,

that is in turn subjected to purification by distillation with a wiped film evaporator to thereby produce the high-purity alicyclic epoxy compound wherein the concentration of high-molecular-weight components having an elution time shorter than that of the alicyclic epoxy compound in detection by gel permeation chromatography analysis is 5.5% or less with respect to the sum total of all of detected peak areas in terms of the peak area ratio per elution time; and

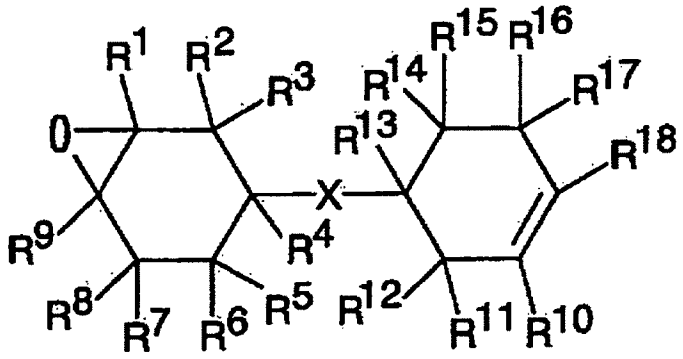
wherein the purification by distillation is carried out in a single pass through the wiped film evaporator at a heating temperature ranging from 180 to 350°C and at a pressure of 1 to 50 Torr.

8. (**Previously Presented**) The process for the production of the composition according to claim 7,

in which the concentration of impurities having a retention time shorter than that of the alicyclic epoxy compound represented by the above general formula (I) in detection by gas chromatography is 19.5% or less with respect to the sum total of all of detected peak areas in terms of the peak area ratio per retention time.

9. (**Previously Presented**) The process for the production of the composition according to claim 7 or claim 8,

the concentration of reactive intermediate compounds represented by the following general formula (III):



(III)

wherein X is a divalent group selected from the group consisting of an oxygen atom, a sulfur atom, -SO-, $-SO_2-$, $-CH_2-$, $-C(CH_3)_2-$, $-CBr_2-$, $-C(CBr_3)_2-$, and $-C(CF_3)_2-$; R^1 to R^{18} each may be identical or different from each other and are a hydrogen atom, a halogen atom, a hydrocarbon group that may contain an oxygen atom or halogen atom, or an alkoxy group that may have a substituent,

in detection by gas chromatography is 4.5% or less with respect to the sum total of all of detected peak areas in terms of the peak area ratio per retention time.

10. (**Previously Presented**) The process for the production of the composition according to claim 7, wherein a color hue, as measured by American Public Health Association value, is 60 or less.

11. (**Previously Presented**) The process for the production of the composition according to claim 7, wherein the peracetic acid is obtained by the oxidation of a corresponding aldehyde.

12. (**Previously Presented**) The process for the production of the composition according to claim 7, wherein a water content in the peracetic acid is 0.8% by weight or less.

13. - 14. (**Cancelled**)

15. (**Previously Presented**) The process for the production of the composition according to claim 8, wherein the peracetic acid is an ethyl acetate solution.

16. - 20. (**Cancelled**)